

SECRET

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Monthly Report

File 7184

25X1

PAR 214

31 Jan 66

SUBJECT: Roller Transport Processor (12-Inch)

TASK/PROBLEM

1. Design and fabricate a versatile self-threading photographic processor capable of handling both cut sheet and continuous webs of photographic material and adaptable to a process yielding either standard negative or reversal images. Interchange between processes to be accomplished with a minimum of effort.

DISCUSSION

2. It has been established that use of polyethylene-surfaced rollers in contact with emulsion minimizes emulsion pick-off. Although rollers made from polyethylene rod stock were tested and found to be satisfactory, fabrication problems and roller stability problems appear to preclude use of solid polyethylene rod for this purpose. A method for sealing the ends of rollers having Kralastic cores and covered with polyethylene sleeving is currently being investigated.

PLANNED ACTIVITY

3. Continue to investigate methods for fabricating rollers with polyethylene surfaces.

Declass Review by NGA.

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GROUP 1
EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION